

Mountain Valley Pipeline, LLC

v.

Easements to Construct, etc., et al.

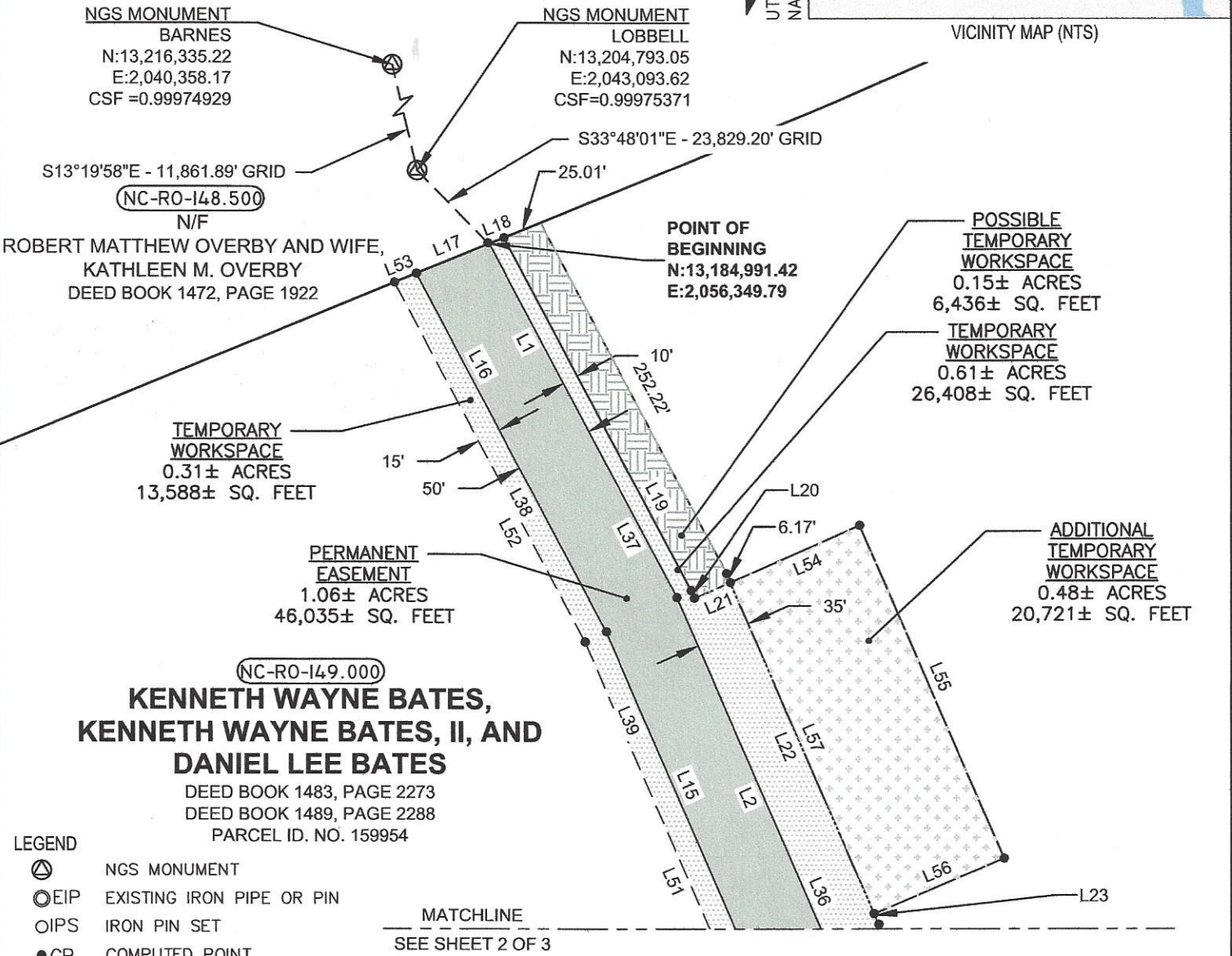
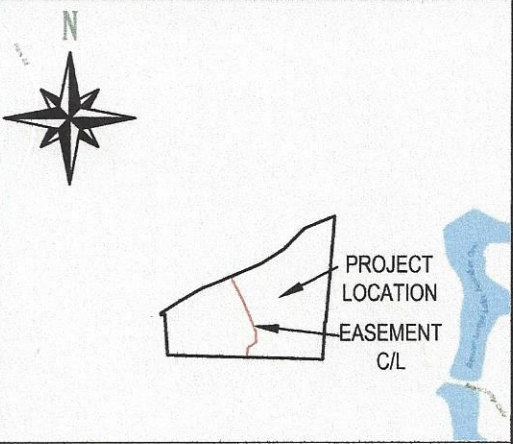
## **Exhibit 73 to Complaint**

Map of MVP Parcel No. NC-RO-149.000

NOTES

1. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GRID DISTANCES, A PROJECT SCALE FACTOR (PSF) OF 0.99979557 WAS ESTABLISHED FOR THIS PROJECT. TO OBTAIN GROUND DISTANCE, DIVIDE THE DISTANCE SHOWN BY THE PSF.
2. AREAS DETERMINED BY COORDINATE METHOD.
3. AREAS SHOWN ARE SUBJECT TO EASEMENT OF RECORD.
4. RECORD REFERENCES: DEED BOOK 1483,1489 PAGE 2273,2288.
5. PARCEL ID: 159954
6. PROPERTY LINES SHOWN ARE BASED ON EXISTING DEEDS, PLATS AND VISIBLE MONUMENTATION DISCOVERED ALONG PROJECT AREA.
7. THIS SURVEY IS REFERENCED TO UTM ZONE 17 N NAD 83 (2011).
8. ALL CORNERS ARE AS NOTED.
9. THIS PLAT IS FOR EASEMENT ACQUISITION PURPOSES ONLY AND IS NOT TO BE CONSIDERED A BOUNDARY SURVEY OF THE PARENT TRACT.
10. TEMPORARY EASEMENT TO BE ACQUIRED.

EXHIBIT A



- LEGEND**
- NGS MONUMENT
  - EXISTING IRON PIPE OR PIN
  - IRON PIN SET
  - COMPUTED POINT
  - LINE NOT TO SCALE
  - PERMANENT ACCESS ROAD
  - TEMPORARY ACCESS ROAD
  - PERMANENT EASEMENT
  - TEMPORARY WORKSPACE
  - ADDITIONAL TEMPORARY WORKSPACE (A.T.W.S.)
  - POSSIBLE TEMPORARY WORKSPACE

I, Thomas Warner Kimmel, certify that this plat is of a PERMANENT EASEMENT for a public utility as defined in GS 62-3; that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in deed book 1483,1489 page 2273,2288); that the ratio of precision as calculated is 1:10,000±; that the Global Positioning System (GPS) observations were performed to the Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks at the Class "A" accuracy classification (95% confidence) using RTK/VRS networks and traditional traverses.

That this plat meets the requirements of G.S. 47-30 section (f)(11)(c).

This 15th day of May, 2020

THOMAS WARNER KIMMEL, PLS L 3674

LAND OWNER INITIALS: \_\_\_\_\_

DATE: \_\_\_\_\_



TRC ENGINEERS, INC  
2200 LIBERTY AVENUE,  
SUITE 100  
PITTSBURGH, PA 15222  
PH: (724) 749-8572 tkimmel@trcsolutions.com  
NC CORPORATE LICENSE No. F-0591

KENNETH WAYNE BATES, KENNETH WAYNE BATES, II, AND DANIEL LEE BATES

AREA OF PERMANENT EASEMENT:	46,035± sq. ft.	1.06 ACRES
AREA OF TEMPORARY WORKSPACE:	39,996± sq. ft.	0.92 ACRES
AREA OF ADDITIONAL TEMPORARY WORKSPACE:	44,030± sq. ft.	1.01 ACRES
AREA OF POSSIBLE TEMPORARY WORKSPACE:	6,436± sq. ft.	0.15 ACRES

CENTERLINE OF EASEMENT: 921± 55.80± feet rods

SEE SHEET 3 OF 3 FOR LINE TABLES

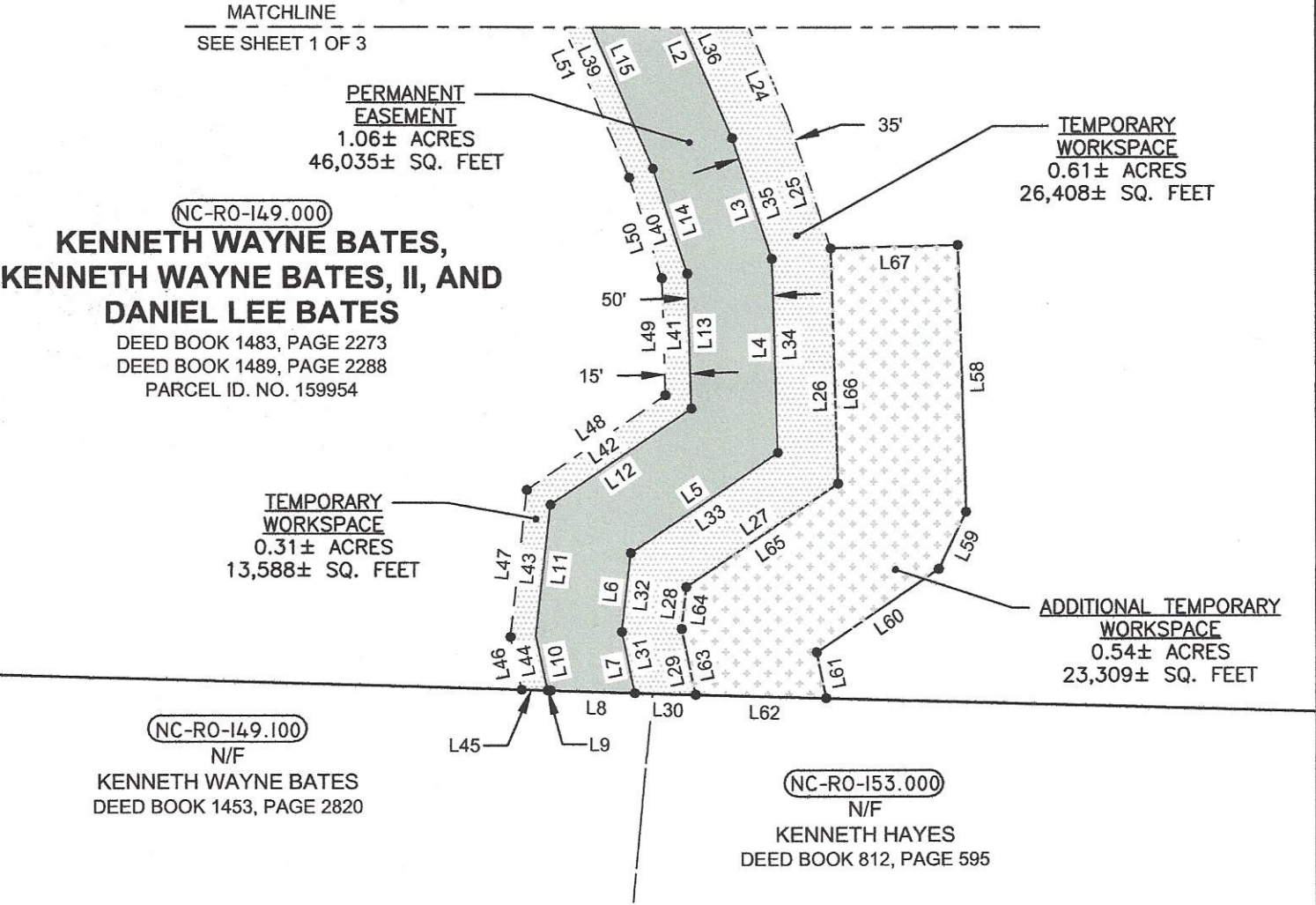
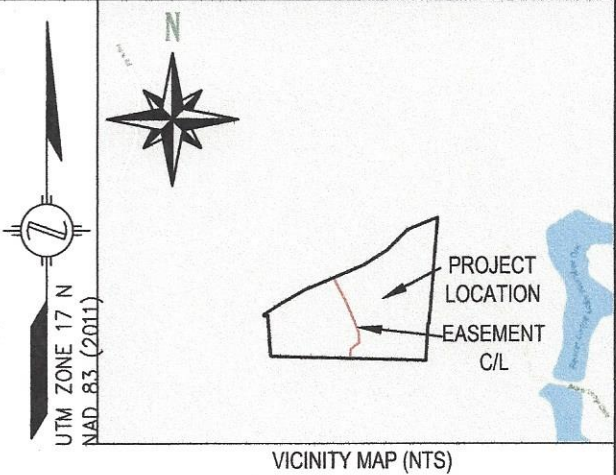
EASEMENT SURVEY FOR MVP SOUTHGATE TOWNSHIP OF WILLIAMSBURG ROCKINGHAM COUNTY, NORTH CAROLINA				
PIPELINE EASEMENT IN PROPERTY OF KENNETH WAYNE BATES, KENNETH WAYNE BATES, II, AND DANIEL LEE BATES NC-RO-149.000 BOOK 1483,1489 PAGE 2273,2288				
Drawn By: SRY	Chk'd By: DD	App'd By: TWK	TRC Proj. No. 300423	Scale: 1"=100'
Drawn Date: 5/8/20			Sheet: 1 OF 3	MVP Proj. No.
100 50 0 100 GRAPHIC SCALE IN FEET				
REVISIONS				
1	4/23/20	MSF	GENERAL REVISIONS	TWK
No.	Date	Rev By	Description	Checked



EXHIBIT A

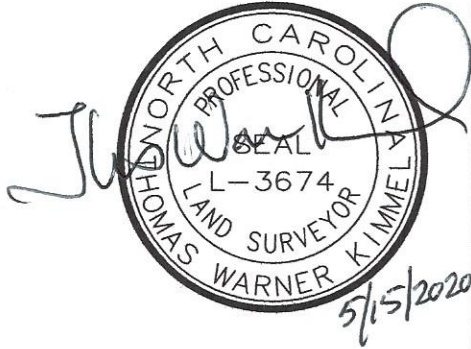
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- 8. ALL CORNERS ARE AS NOTED.
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- 10. TEMPORARY EASEMENT TO BE ACQUIRED.



LEGEND

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- POSSIBLE TEMPORARY WORKSPACE



LAND OWNER INITIALS: \_\_\_\_\_  
DATE: \_\_\_\_\_

SEE SHEET 3 OF 3 FOR LINE TABLES

EASEMENT SURVEY  
FOR MVP SOUTHGATE  
TOWNSHIP OF WILLIAMSBURG  
ROCKINGHAM COUNTY, NORTH CAROLINA

Mountain Valley  
PIPELINE LLC

PIPELINE EASEMENT IN PROPERTY OF  
KENNETH WAYNE BATES, KENNETH WAYNE BATES,  
II, AND DANIEL LEE BATES  
NC-RO-149.000  
DEED BOOK 1483,1489 PAGE 2273,2288

NC-RO-149.000

Drawn By: SRY Chk'd By: DD App'd By: TWK  
Drawn Date: 5/8/20

TRC Proj. No. 300423  
Sheet: 2 OF 3  
Scale: 1"=100'  
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100 50 0 100  
GRAPHIC SCALE IN FEET

REVISIONS				
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1	4/23/20	MSF	GENERAL REVISIONS	TWK

SEE SHEET 1 FOR THE LAND SURVEYOR'S CERTIFICATION.



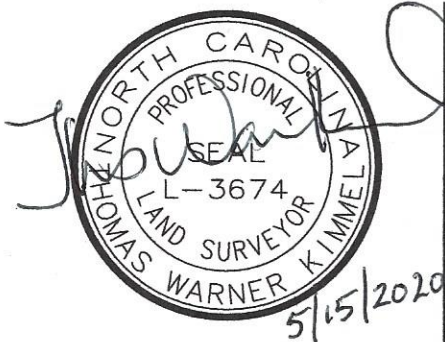
EXHIBIT A

PERMANENT EASEMENT		
LINE TABLE		
LINE	BEARING	DISTANCE
L1	S28°02'13"E	254.38'
L2	S23°31'08"E	300.68'
L3	S18°05'43"E	74.67'
L4	S01°42'45"E	114.00'
L5	S55°53'09"W	105.03'
L6	S06°25'02"W	46.58'
L7	S11°50'15"E	36.77'
L8	N88°21'55"W	49.56'
L9	N88°21'55"W	1.85'
L10	N11°50'15"W	32.82'
L11	N06°25'04"E	77.64'
L12	N55°53'08"E	100.58'
L13	N01°42'45"W	79.32'
L14	N18°05'42"W	65.10'
L15	N23°31'08"W	296.34'
L16	N28°02'13"W	257.47'
L17	N67°44'17"E	50.26'

TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L18	N67°44'17"E	10.05'
L19	S28°02'13"E	253.76'
L20	S23°31'13"E	5.20'
L21	N66°26'48"E	24.88'
L22	S23°31'08"E	229.50'
L23	S24°14'43"E	7.59'
L24	S23°32'32"E	60.46'
L25	S18°05'43"E	81.37'
L26	S01°42'45"E	138.28'
L27	S55°53'08"W	108.15'
L28	S06°25'04"W	24.83'
L29	S11°50'15"E	39.53'
L30	N88°21'55"W	35.99'
L31	N11°50'15"W	36.77'
L32	N06°25'02"E	46.58'
L33	N55°53'09"E	105.03'
L34	N01°42'45"W	114.00'
L35	N18°05'43"W	74.67'
L36	N23°31'08"W	300.68'
L37	N28°02'13"W	254.38'
L38	S28°02'13"E	257.47'
L39	S23°31'08"E	296.34'
L40	S18°05'42"E	65.10'
L41	S01°42'45"E	79.32'
L42	S55°53'08"W	100.58'
L43	S06°25'04"W	77.64'
L44	S11°50'15"E	32.82'
L45	N88°21'55"W	15.42'
L46	N11°50'15"W	31.64'
L47	N06°25'04"E	86.96'
L48	N55°53'08"E	99.24'
L49	N01°42'45"W	68.92'
L50	N18°05'43"W	62.23'
L51	N23°31'08"W	295.04'
L52	N28°02'13"W	258.39'
L53	N67°44'17"E	15.08'

ADDITIONAL TEMPORARY WORKSPACE		
LINE TABLE		
LINE	BEARING	DISTANCE
L54	N66°21'42"E	90.07'
L55	S23°31'06"E	230.63'
L56	S67°04'57"W	90.07'
L57	N23°31'08"W	229.50'
L58	S01°42'45"E	156.65'
L59	S25°35'08"W	37.45'
L60	S55°53'08"W	87.12'
L61	S11°50'15"E	27.56'
L62	N88°21'55"W	77.12'
L63	N11°50'15"W	39.53'
L64	N06°25'04"E	24.83'
L65	N55°53'08"E	108.15'
L66	N01°42'45"W	138.28'
L67	N88°39'21"E	75.00'

SEE SHEET 1-2 OF 3 FOR GRAPHICS AND LABELS



LAND  
OWNER  
INITIALS: \_\_\_\_\_  
  
DATE: \_\_\_\_\_

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